

AMENDMENTS IN THE CLAIMS:

Please amend the claims as follows. Applicants have amended Claims 5-7 and added new claims 8-16. Claims 1-16 are currently pending.

Claim 1 (Original): A radiation detector with a main body, the main body comprising a radiation detecting portion for detecting a radiation intensity, a sound output portion for outputting a sound according to a radiation intensity detected by the radiation detecting portion, and a power supply portion for supplying power at least to the radiation detecting portion and the sound output portion, wherein the sound output portion is configured to be detachable from the main body.

Claim 2 (Original): A radiation detector with a main body, the main body comprising a radiation detecting portion for detecting a radiation intensity, a power supply portion for supplying power at least to the radiation detecting portion, and a power supply switch portion for turning on/off the power supply portion, wherein the power supply switch portion is configured to be detachable from the main body.

Claim 3 (Original): A radiation detector with a main body, the main body comprising a radiation detecting portion for detecting a radiation intensity, and an integrated component having integrally a power supply portion including a battery for supplying power at least to the radiation detecting portion and a power supply switch portion for turning on/off the power supply portion, wherein the integrated component is configured to be detachable from the main body.

Claim 4 (Original): A radiation detector with a main body, the main body comprising a radiation detecting portion for detecting a radiation intensity, a detection sensitivity variable portion for varying a detection sensitivity of the radiation detecting portion, and a display variable portion for varying at least one of a sound display and an image display of a radiation intensity detected by the radiation detecting portion, wherein the detection sensitivity variable portion and the display variable portion are configured to be detachable from the main body.

Claim 5 (Currently Amended): The radiation detector according to ~~any one of Claims 1 to 4~~ Claim 1, wherein

~~the sound output portion, the power supply switch portion, the integrated component of the power supply portion and the power supply switch portion, or the detection sensitivity variable portion and the display variable portion~~ includes a connection connector to be detachably connected to a connection connector of the main body, and is configured to be detachable from the main body via the connection connector.

Claim 6 (Currently Amended): The radiation detector according to ~~any one of Claims 1 to 4~~ Claim 2, wherein

~~the sound output portion, the power supply switch portion, the integrated component of the power supply portion and the power supply switch portion, or the detection sensitivity variable portion and the display variable portion~~ [[are]] includes a connection connector to be

~~detachably screwed to~~ connected to a connection connector of the main body, and is configured to be detachable from the main body via the connection connector.

Claim 7 (Currently Amended): The radiation detector according to ~~any one of Claims 1 to 4~~ Claim 3, wherein

~~the sound output portion, the power supply switch portion, the integrated component of the power supply portion and the power supply switch portion, or the detection sensitivity variable portion and the display variable portion includes an engagement portion~~ a connection connector to be detachably engage an engagement portion connected to a connection connector of the main body, and is configured to be detachable from the main body via the engagement portion connection connector.

Claim 8 (New): The radiation detector according to Claim 4, wherein
the detection sensitivity variable portion and the display variable portion includes a connection connector to be detachably connected to a connection connector of the main body, and is configured to be detachable from the main body via the connection connector.

Claim 9 (New): The radiation detector according to Claim 1, wherein
the sound output portion is detachably screwed to the main body.

Claim 10 (New): The radiation detector according to Claim 2, wherein
the power supply switch portion is detachably screwed to the main body.

Claim 11 (New): The radiation detector according to Claim 3, wherein the integrated component of the power supply portion and the power supply switch portion is detachably screwed to the main body.

Claim 12 (New): The radiation detector according to Claim 4, wherein the detection sensitivity variable portion and the display variable portion are detachably screwed to the main body.

Claim 13 (New): The radiation detector according to Claim 1, wherein the sound output portion includes an engagement portion to detachably engage an engagement portion of the main body, and is configured to be detachable from the main body via the engagement portion.

Claim 14 (New): The radiation detector according to Claim 2, wherein the power supply switch portion includes an engagement portion to detachably engage an engagement portion of the main body, and is configured to be detachable from the main body via the engagement portion.

Claim 15 (New): The radiation detector according to Claim 3, wherein the integrated component of the power supply portion and the power supply switch portion includes an engagement portion to detachably engage an engagement portion of the main body, and is configured to be detachable from the main body via the engagement portion.

Claim 16 (New): The radiation detector according to Claim 4, wherein
the detection sensitivity variable portion and the display variable portion includes an
engagement portion to detachably engage an engagement portion of the main body, and is
configured to be detachable from the main body via the engagement portion.